

# RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.

Application Serial Number: 10/676,691A  
Source: 1FW/6  
Date Processed by STIC: 10/2/06

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IFW16

## RAW SEQUENCE LISTING

DATE: 10/02/2006

PATENT APPLICATION: US/10/676,691A

TIME: 14:33:23

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Output Set: N:\CRF4\10022006\J676691A.raw

3 <110> APPLICANT: Hanson, Veneta  
 4 Spiera, Harry  
 6 <120> TITLE OF INVENTION: Diagnostic Test for the Detection of Autoantibodies in  
 Patient Suffering

7 From Neuropsychiatric Lupus

9 &lt;130&gt; FILE REFERENCE: 0028/71160

11 &lt;140&gt; CURRENT APPLICATION NUMBER: US 10/676,691A

12 &lt;141&gt; CURRENT FILING DATE: 2003-09-30

14 &lt;160&gt; NUMBER OF SEQ ID NOS: 24

15 &lt;170&gt; SOFTWARE: PatentIn version 3.1

18 &lt;210&gt; SEQ ID NO: 1

19 &lt;211&gt; LENGTH: 2423

20 &lt;212&gt; TYPE: DNA

21 &lt;213&gt; ORGANISM: Homo Sapiens

23 &lt;400&gt; SEQUENCE: 1

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| 353 | gtagagacag  | gggtttctcc | atgttggtca  | ggctggtctc  | caactcctga  | cctcaggtaa  | 7260 |
| 355 | tctatccacc  | ttggtctccc | aaagtgtctg  | gattacagcg  | tgagccacca  | cgcctggctg  | 7320 |
| 357 | gtttgctttt  | aattaacttt | tttttttttt  | tttttttttt  | gtagagacag  | ggtttaccat  | 7380 |
| 359 | ggtgtctcatg | gctggtctca | aactactggg  | ctcaagtgat  | ctgcatgcct  | cggcctccca  | 7440 |
| 361 | aagtgtctggg | attacaggca | tgagccactg  | tgcccagcct  | atggaagtgg  | cgtgagatct  | 7500 |
| 363 | ctgctcactg  | cacgattctc | ttagcctccc  | aagtagctgg  | gattacaggc  | gtgcaccacc  | 7560 |
| 365 | atgcctgcta  | atttttgtat | tttttagtaga | gatgggggtt  | tactatgtta  | gccagggaac  | 7620 |
| 367 | tcctatcctc  | aagtgatccg | ttcacctcag  | tatcccaaag  | tgctgggatt  | acaggcatga  | 7680 |
| 369 | gccactgtgc  | ctggcctctc | catgtaaggt  | tttatgaaat  | aagaatcagg  | agccaggcgt  | 7740 |
| 371 | ggtgctcatg  | cctgtaatcc | cattactttg  | ggaagccgag  | gcaggaggac  | tgcttgaatc  | 7800 |

## RAW SEQUENCE LISTING

DATE: 10/02/2006

PATENT APPLICATION: US/10/676,691A

TIME: 14:33:23

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\10022006\J676691A.raw

|     |            |             |            |             |             |             |       |
|-----|------------|-------------|------------|-------------|-------------|-------------|-------|
| 373 | caggagttcg | agactggcct  | ggcaatacag | tgagacctca  | tctctacaaa  | aatttttaaaa | 7860  |
| 375 | attagctgag | tgtggtgcca  | cacacctaaa | gtccctgcta  | ctcaggaggc  | tgagggtggca | 7920  |
| 377 | ggatcacttg | attggggagg  | tggagggtgc | agtgagctga  | gattgtgcca  | ctgcactcca  | 7980  |
| 379 | gcctggatga | cagaatgagg  | ctctgtcaaa | aaaaaaaaaa  | aagttaagaa  | tcagttaggg  | 8040  |
| 381 | caggcttaca | ctggggggat  | ttgtcttagc | aaggatgagc  | aggtgtagtt  | aaccaagggc  | 8100  |
| 383 | ctgtccattt | cagggaataa  | aggggcatgt | tcctgcctga  | tgtagagacc  | cagggaagat  | 8160  |
| 385 | gaacacctcc | cccctcccca  | ccatgctctc | tctgcagtgg  | tctccattga  | ggacccattt  | 8220  |
| 387 | gaccaggatg | attgggctgc  | ctggtccaag | ttcacagcca  | atgtagggat  | ccagattgtg  | 8280  |
| 389 | ggtgatgacc | tgacagtgac  | caacccaaaa | cgtattgagc  | gggcagtgga  | agaaaaggcc  | 8340  |
| 391 | tgcaactgtc | tgctgctcaa  | ggtcaaccag | atcggctcgg  | tcactgaagc  | catccaagcg  | 8400  |
| 393 | tgagtgactt | ctggccctct  | cctgtgtggt | cctcgtttct  | ataagactcc  | ttttgcaagt  | 8460  |
| 395 | gctccagcct | aattctaccc  | aggggtgcca | aagagagcgg  | ggaacctgga  | atcatcctca  | 8520  |
| 397 | cagttctctc | acctctgccc  | ctccacccct | gattctctgc  | tcccctccca  | gatagctttc  | 8580  |
| 399 | ccctagatgt | ttcctgacat  | agaccaaggt | tggggctggg  | aagagagtgc  | ccagtgtgag  | 8640  |
| 401 | agctggagaa | tcagtgtctg  | gtgtggatac | aggtgcaagc  | tggcccagga  | gaatggctgg  | 8700  |
| 403 | ggggtcatgg | tgagtcatcg  | ctcaggagag | actgaggaca  | cattcattgc  | tgacctgggtg | 8760  |
| 405 | gtggggctgt | gcacaggcca  | ggtgagttag | gcagcctggt  | gagtgaagag  | aactctctgt  | 8820  |
| 407 | gggatttgta | tttctagctc  | acccacctgg | tctctccttc  | cagggttttg  | aggggtgtcag | 8880  |
| 409 | gggagtttca | ggagagcaga  | agtttccctt | cggggtgag   | agggcagtca  | ctgagctgca  | 8940  |
| 411 | aatcctttga | aatgtttcag  | atcaagactg | gtgcccctgt  | ccgttctgaa  | cgtctggcta  | 9000  |
| 413 | aatacaacca | gctcatgagg  | tgagggctcc | tggggtgagg  | gcccctggcc  | cagatggcta  | 9060  |
| 415 | aaggcccat  | ttgcctgcca  | gaccatctgt | agcaccaagg  | gcctggataa  | cagtccattt  | 9120  |
| 417 | cctggataac | agtccaacag  | ataatattgg | tttttgcctc  | ctgggtttat  | tgatggcctg  | 9180  |
| 419 | attgacaaat | cccagagatc  | acatgggaaa | gccagggaat  | gctaagcctt  | ggggcaggac  | 9240  |
| 421 | acaaaagcag | gtggtgtggg  | ggtggttgga | gtctggggga  | cccctagaga  | gagaagcagg  | 9300  |
| 423 | atcctcctgc | atccctgacc  | acttcctttg | tggttcatct  | ctctcagaat  | tgaggaagag  | 9360  |
| 425 | ctgggggatg | aagctcgctt  | tgccggacat | aacttccgta  | atcccagtgt  | gctgtgattc  | 9420  |
| 427 | ctctgtctgc | ctggagacgt  | ggaacctctg | tctcatcctc  | ctggaacctt  | gctgtcctga  | 9480  |
| 429 | tctgtgatag | ttcaccccct  | gagatcccct | gagccccagg  | gtgcccagaa  | cttcctctgat | 9540  |
| 431 | tgacctgctc | cgctgctcct  | tggcttacct | gacctcttgc  | tgtctctgct  | cgccctcctt  | 9600  |
| 433 | tctgtgccct | actcattggg  | gttccgcact | ttccacttct  | tcctttctct  | ttctctcttc  | 9660  |
| 435 | cctcagaaac | tagaaatgtg  | aatgaggatt | attataaaaag | ggggtccgtg  | gaagaatgat  | 9720  |
| 437 | cagcatctgt | gatgggagcg  | tcagggttgg | tgtgctgagg  | tgtagagag   | ggaccatgtg  | 9780  |
| 439 | tcacttgctc | tttgctcttg  | tcccacgtgt | cttcactttt  | gcatatgagc  | cgtgaactgt  | 9840  |
| 441 | gcatagtgtc | gggatggagg  | ggagtgttgg | gcatgtgatc  | acgcctggct  | aataaggctt  | 9900  |
| 443 | tagtgtattt | atttatttat  | ttattttatt | tgtttttcat  | tcattcccatt | aatcattttcc | 9960  |
| 445 | ccataactca | atggcctaaa  | actggcctga | cttgggggaa  | cgatgtgtct  | gtattttcatg | 10020 |
| 447 | tggctgtaga | tcccaagatg  | actggggtgg | gagggtcttg  | tagaatggga  | aggggtcatag | 10080 |
| 449 | aaagggcctt | gacatcagtt  | cctttgtgtg | tactcactga  | agcctgcgtt  | ggtccagagc  | 10140 |
| 451 | ggaggctgtg | tgccctggggg | agttttcctc | tatacatctc  | tccccaaccc  | taggttccctt | 10200 |
| 453 | gttcttctct | cagctgcacc  | agagcaacct | ctcactcccc  | atgccacgtt  | ccacagtgtg  | 10260 |
| 455 | caccacctct | gtggcattga  | aatgagcacc | tccattaaaag | tctgaatcag  | tgactgtttg  | 10320 |
| 457 | tgtctaagga | gtcttactct  | agtccttatg | aggggagaga  | agatggagca  | cctggaagct  | 10380 |
| 459 | ggtgaaactg | gatagcagag  | ctgggggggc | acaaaaagag  | gaagacaaac  | tgaacaaata  | 10440 |
| 461 | tggccgagat | gatggcactg  | cctaccccat | cttggctagg  | tggggtgcat  | gtggcccctg  | 10500 |
| 463 | ctttcttagc | agaaggcttg  | gctcccagac | gcagggtgaat | taagggggttc | aagagcccctt | 10560 |
| 465 | aaaagcataa | aatattttgt  | gtgtgtgtgt | gtgtgcacgc  | gcattttggg  | ggaaaggggg  | 10620 |
| 467 | tctaagggtg | tttcatatcc  | aaagggttgg | tggactggag  | cagctcctgt  | actgggcctc  | 10680 |
| 469 | tgccaacaaa | accctggctg  | gttctcgaat | ggaacaggac  | ttcatggcca  | tcacccactg  | 10740 |

RAW SEQUENCE LISTING ERROR SUMMARY      DATE: 10/02/2006  
PATENT APPLICATION: US/10/676,691A      TIME: 14:33:24

Input Set : A:\pto.da.txt  
Output Set: N:\CRF4\10022006\J676691A.raw

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 6

**VERIFICATION SUMMARY**

DATE: 10/02/2006

PATENT APPLICATION: US/10/676,691A

TIME: 14:33:24

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\10022006\J676691A.raw